

09471310 HUACHUCA CANYON NEAR FORT HUACHUCA, AZ

LOCATION.--Lat 31°31'01", long 110°23'13", in NE1/4SW1/4 sec.14, T.22 S., R.19 E. (unsurveyed), Cochise County, Hydrologic Unit 15050202, on right bank in Fort Huachuca (U.S. Army) Military Reservation, 1.9 mi north of Huachuca Peak, 9.5 mi above confluence with the Babocomari River.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--Apr. 2000 to current year.

REVISED RECORDS.--2004 (M).

GAGE.--Water-stage recorder and concrete control with 90° V-notch weir. Elevation of gage is 5,600 ft above sea level from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 98 ft³/s Oct. 23, 2000. Minimum daily discharge, no flow at times in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1.5 ft³/s Sept. 7 at 1930, gage height 2.85 ft. Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	0.01	0.01	0.01	0.01	0.05	0.02	0.01	0.00	0.00	0.00	0.00
2	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00
3	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00
4	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00
5	0.01	0.01	0.01	0.01	0.01	e0.05	0.01	0.00	0.00	0.00	0.00	0.00
6	0.01	0.01	0.01	0.01	0.01	e0.05	0.02	0.00	0.00	0.00	0.00	0.00
7	0.01	0.01	0.01	0.01	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.12
8	0.01	0.01	0.01	0.01	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.03
9	0.01	0.01	0.01	0.01	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00
10	0.01	0.01	0.01	0.01	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.00
11	0.01	0.01	0.01	0.01	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.09
12	0.01	0.01	0.01	0.01	0.02	0.04	0.01	0.00	0.00	0.00	0.00	0.25
13	0.01	0.01	0.01	0.01	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.35
14	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.41
15	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.43
16	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.42
17	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.42
18	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.42
19	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.45
20	0.03	0.01	0.01	0.01	e0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.44
21	0.02	0.01	0.01	0.01	e0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.42
22	0.01	0.01	0.01	0.01	e0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.42
23	0.01	0.01	0.01	0.01	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.40
24	0.01	0.01	e0.01	0.01	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.38
25	0.01	0.01	e0.01	0.01	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.37
26	0.01	0.01	e0.01	0.01	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.35
27	0.01	0.01	e0.01	0.01	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.34
28	0.01	0.01	e0.01	0.01	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.33
29	0.01	0.01	0.01	0.01	---	0.02	0.01	0.00	0.00	0.00	0.00	0.30
30	0.01	0.01	0.01	0.01	---	0.02	0.01	0.00	0.00	0.00	0.00	0.26
31	0.01	---	0.01	0.01	---	0.02	---	0.00	---	0.00	0.00	---
TOTAL	0.38	0.30	0.31	0.31	0.61	0.80	0.37	0.01	0.00	0.00	0.00	7.40
MEAN	0.01	0.01	0.01	0.01	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.25
MAX	0.03	0.01	0.01	0.01	0.05	0.05	0.02	0.01	0.00	0.00	0.00	0.45
MIN	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
MED	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.33
AC-FT	0.8	0.6	0.6	0.6	1.2	1.6	0.7	0.02	0.00	0.00	0.00	15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	1.11	0.71	0.29	0.15	0.10	0.09	0.10	0.08	0.11	0.04	0.16	0.18
MAX	5.40	3.42	1.34	0.60	0.33	0.32	0.39	0.35	0.49	0.21	0.44	0.44
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2000	2001	2002	2000
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
(WY)	2004	2004	2004	2004	2004	2004	2005	2005	2003	2003	2003	2003

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 2000 - 2005

ANNUAL TOTAL	4.73	10.49	
ANNUAL MEAN	0.01	0.03	0.25
HIGHEST ANNUAL MEAN			1.09 2001
LOWEST ANNUAL MEAN			0.01 2004
HIGHEST DAILY MEAN	0.22 Aug 16	0.45 Sep 19	50 Oct 23 2000
LOWEST DAILY MEAN	0.00 Jan 1	0.00 May 2	0.00 Jun 19 2002
ANNUAL SEVEN-DAY MINIMUM	0.00 Jan 1	0.00 May 2	0.00 Jun 19 2002
ANNUAL RUNOFF (AC-FT)	9.4	21	182
10 PERCENT EXCEEDS	0.04	0.04	0.37
50 PERCENT EXCEEDS	0.01	0.01	0.02
90 PERCENT EXCEEDS	0.00	0.00	0.00

e Estimated